

**Figure 1**

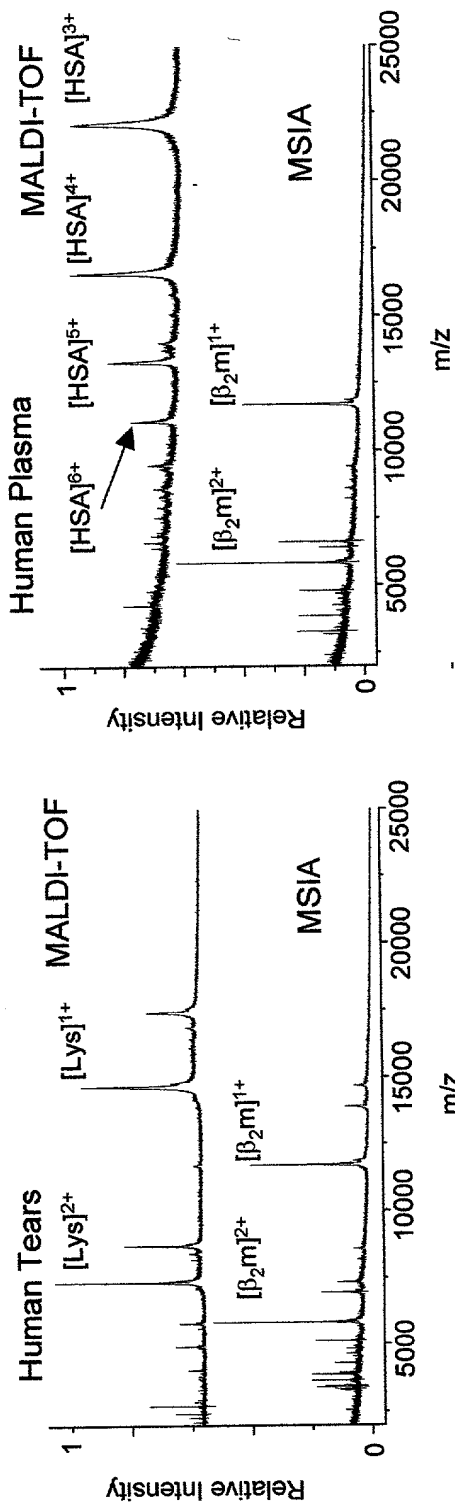


Figure 2a

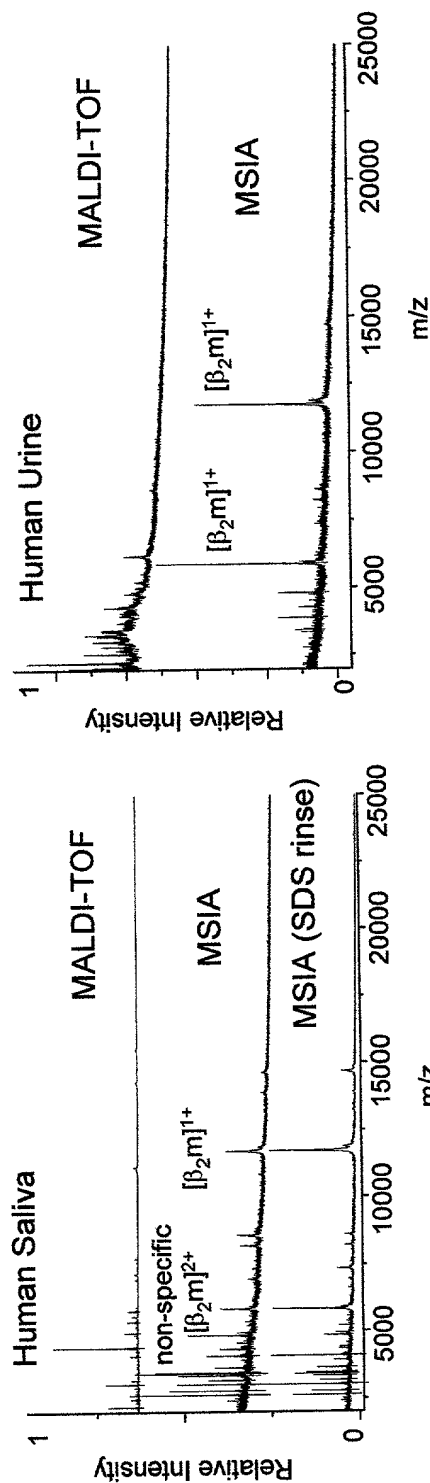


Figure 2b

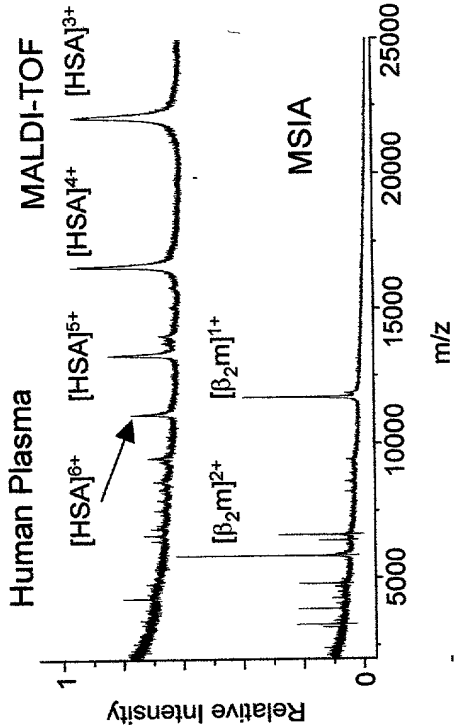


Figure 2c

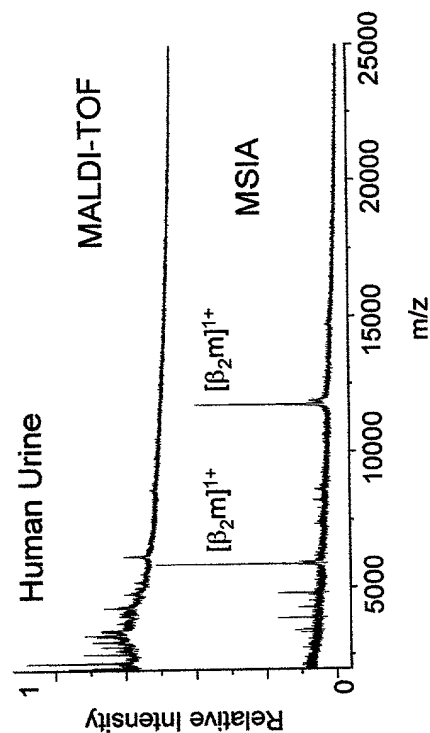
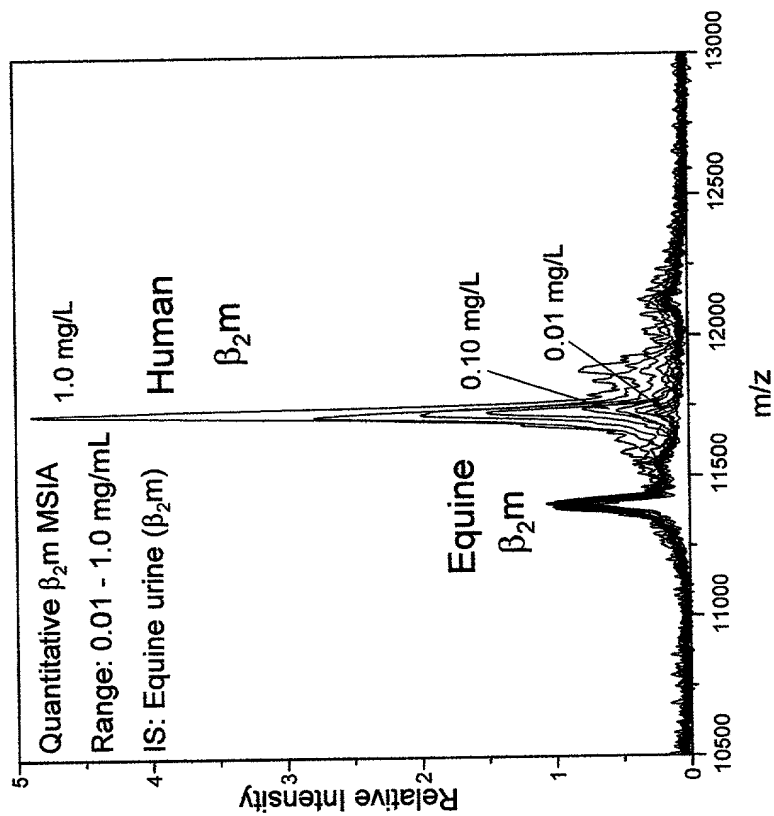
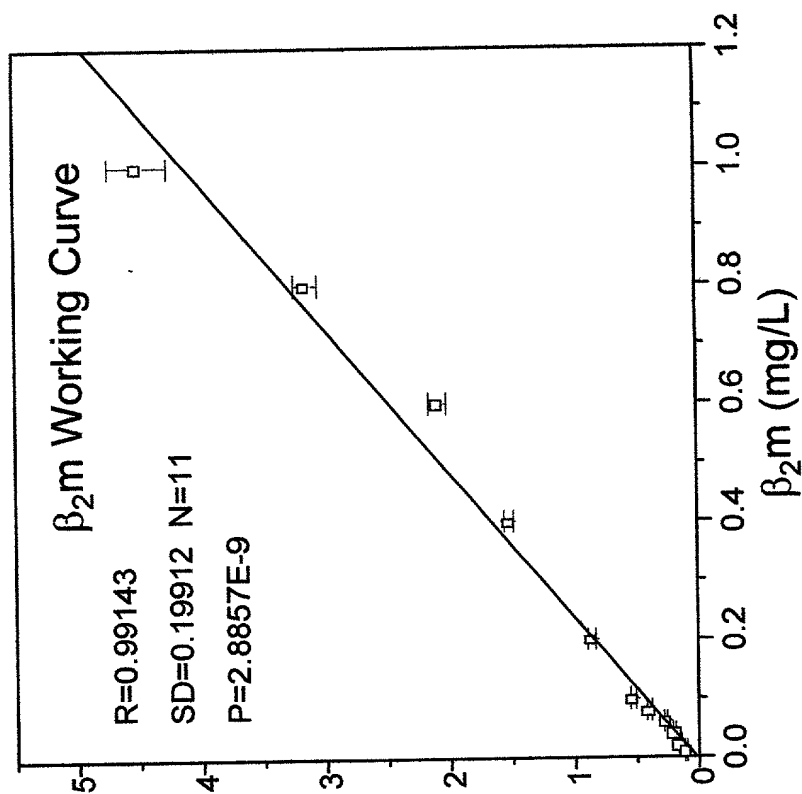


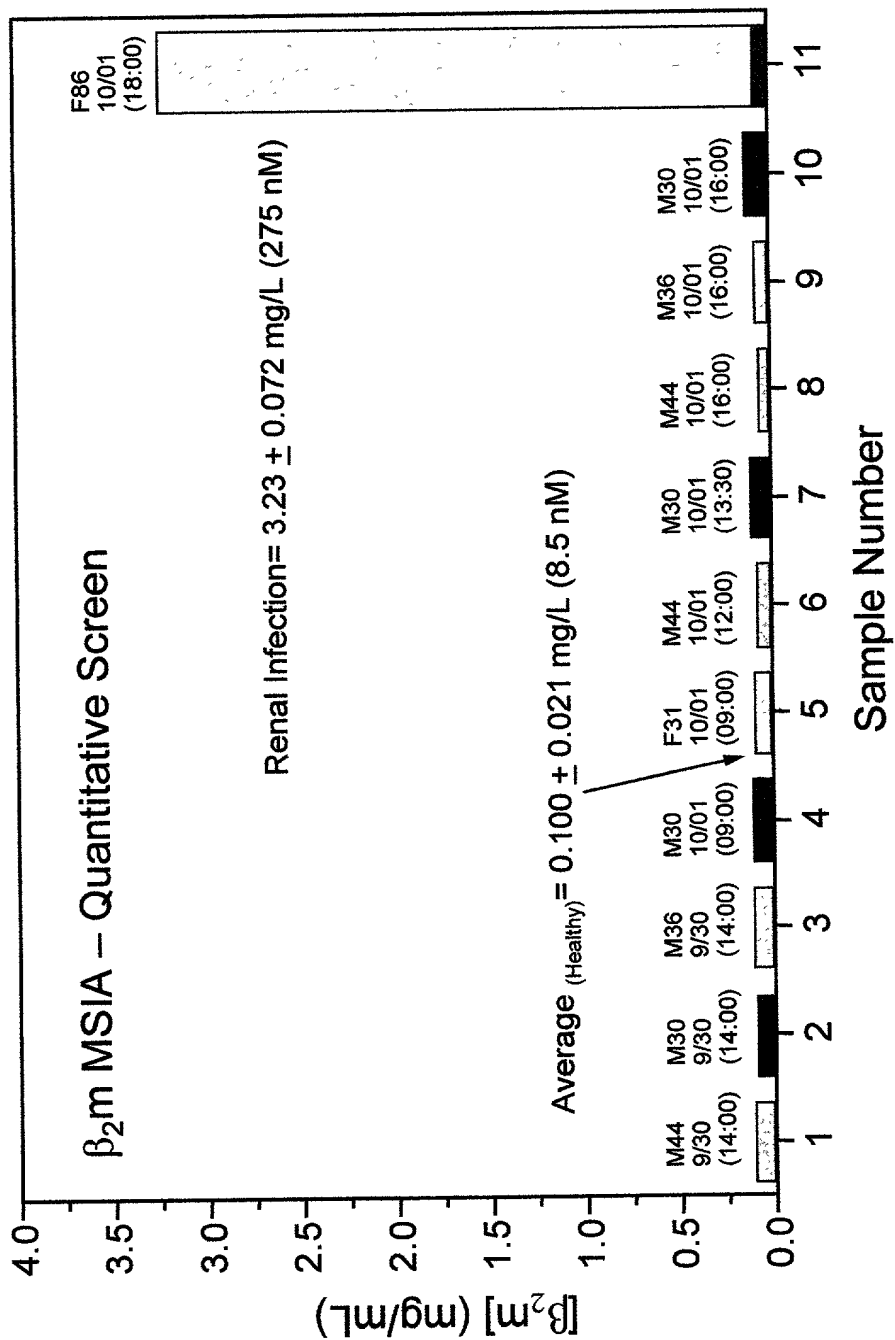
Figure 2d



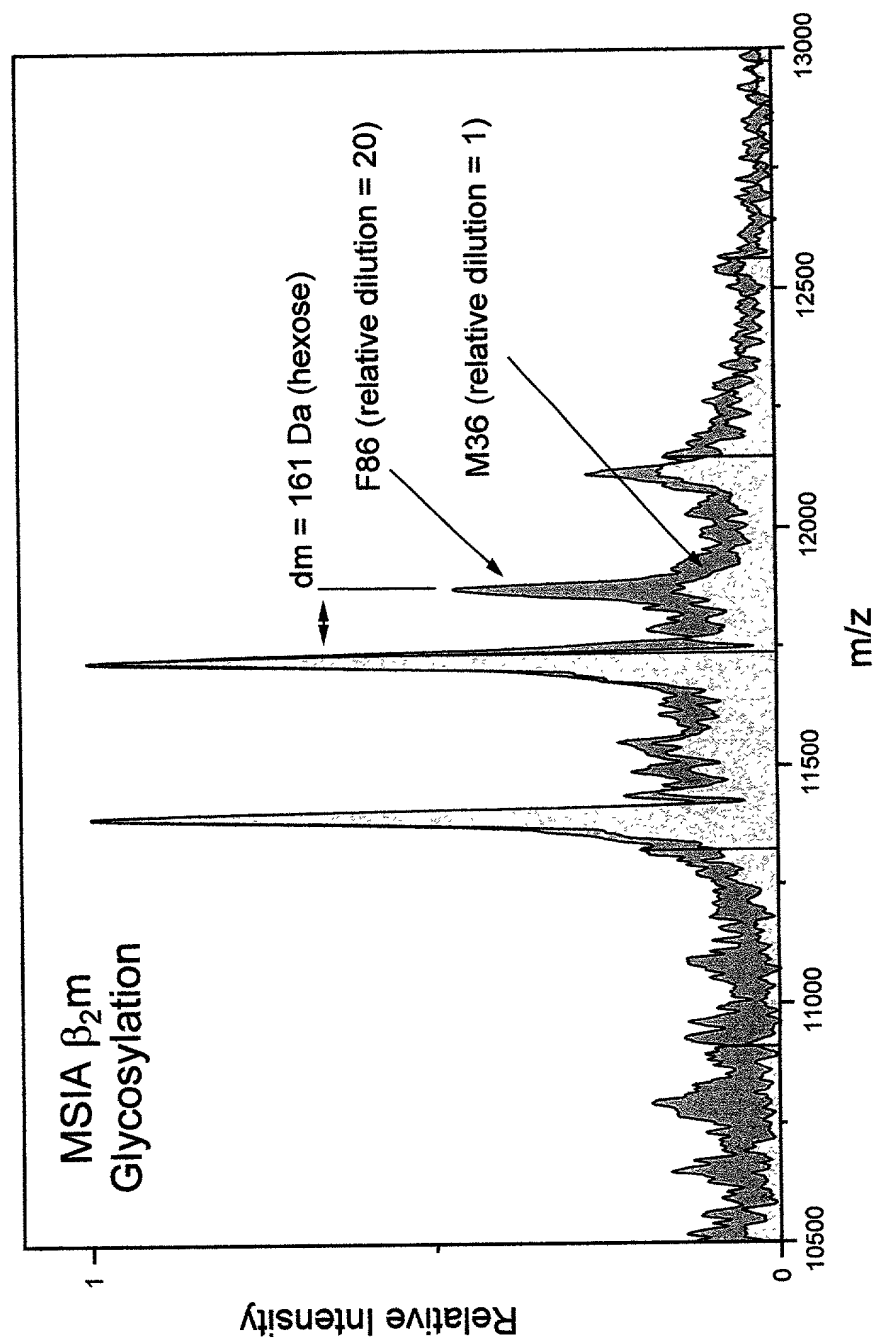
**Figure 3a**



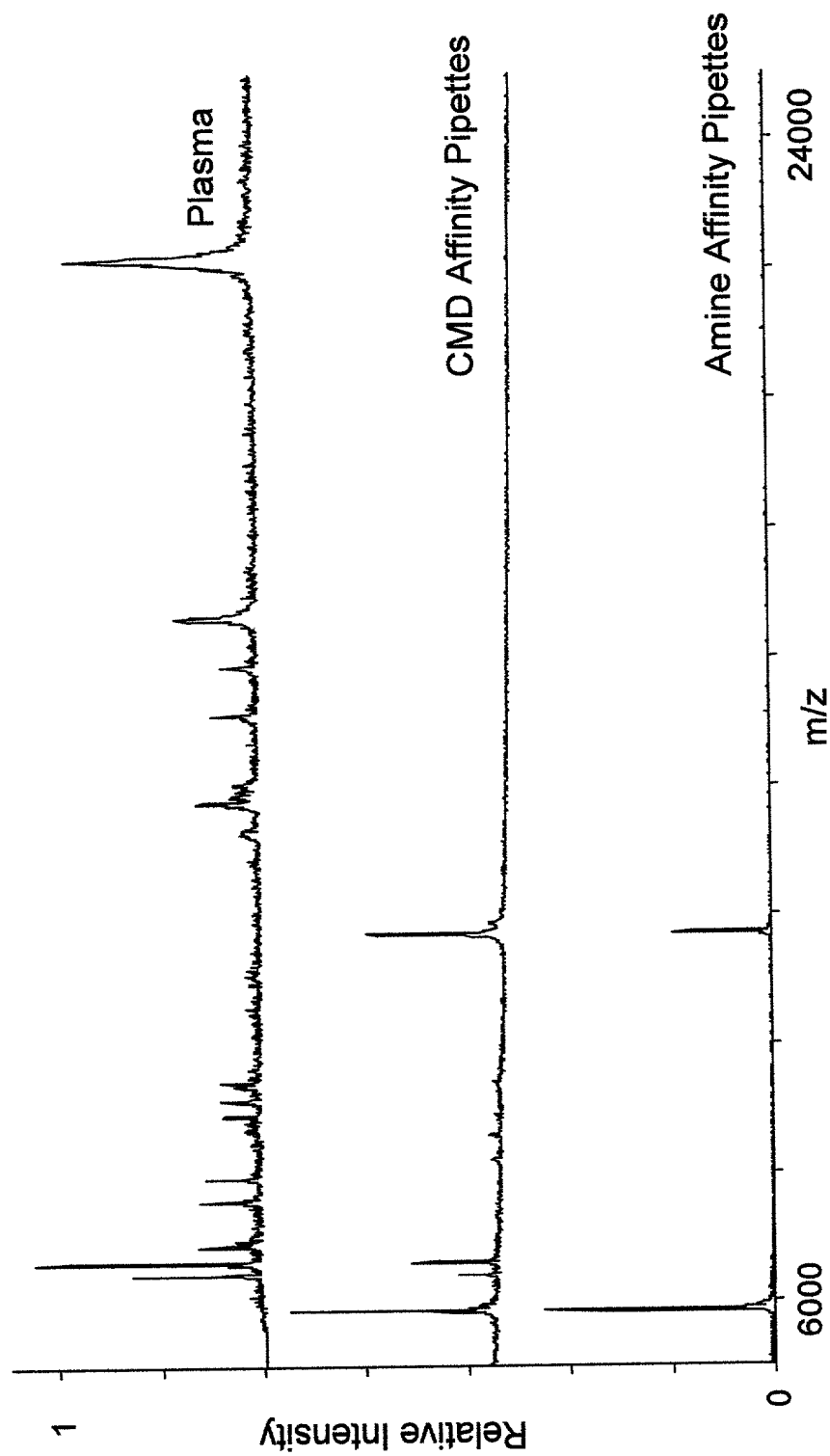
**Figure 3b**



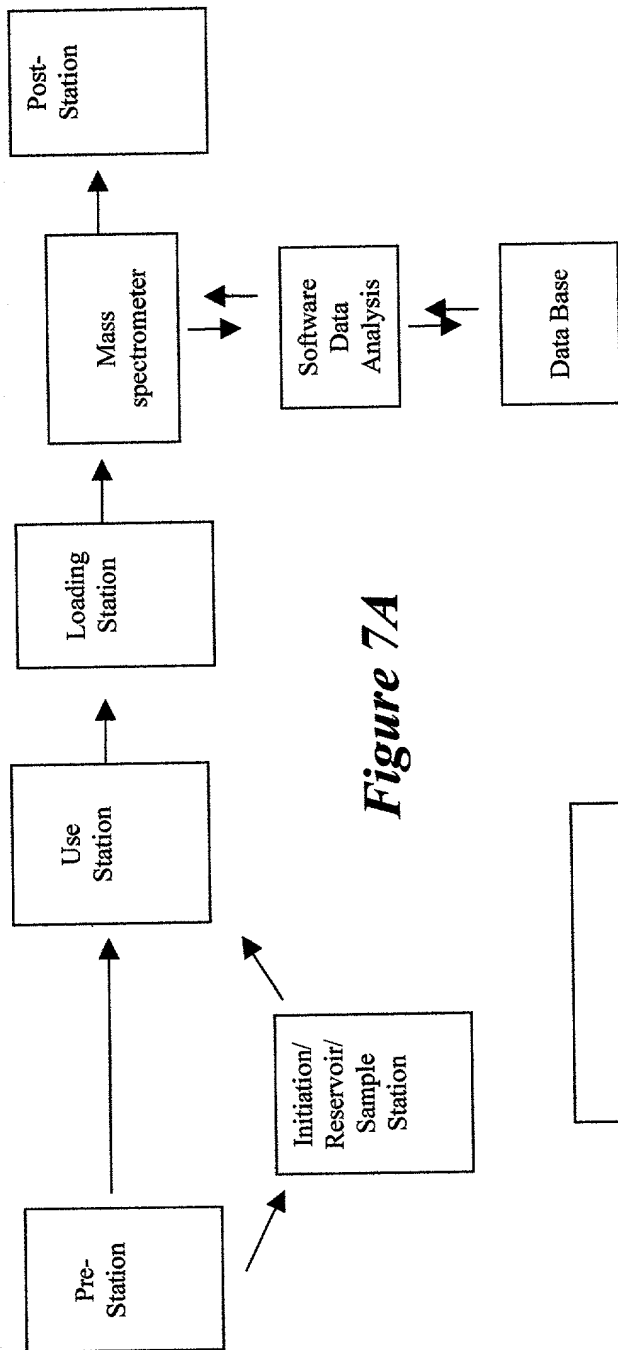
**Figure 4**



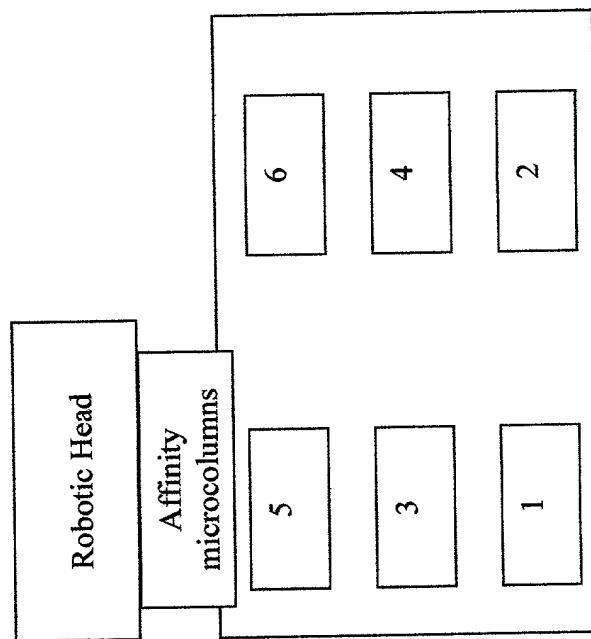
*Figure 5*



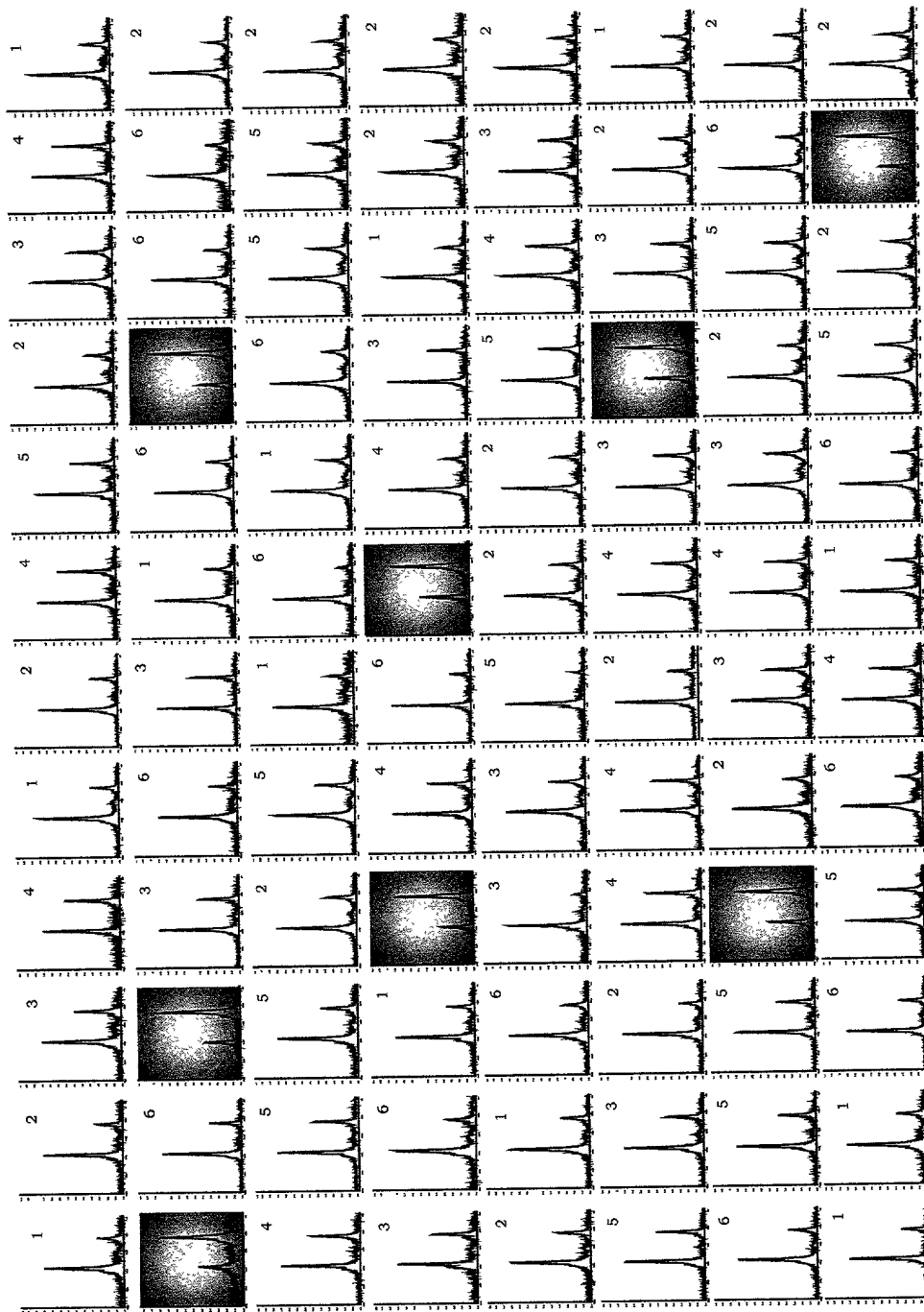
**Figure 6**



**Figure 7A**



**Figure 7B**



*Figure 8*

## Average of Normalized Integrals

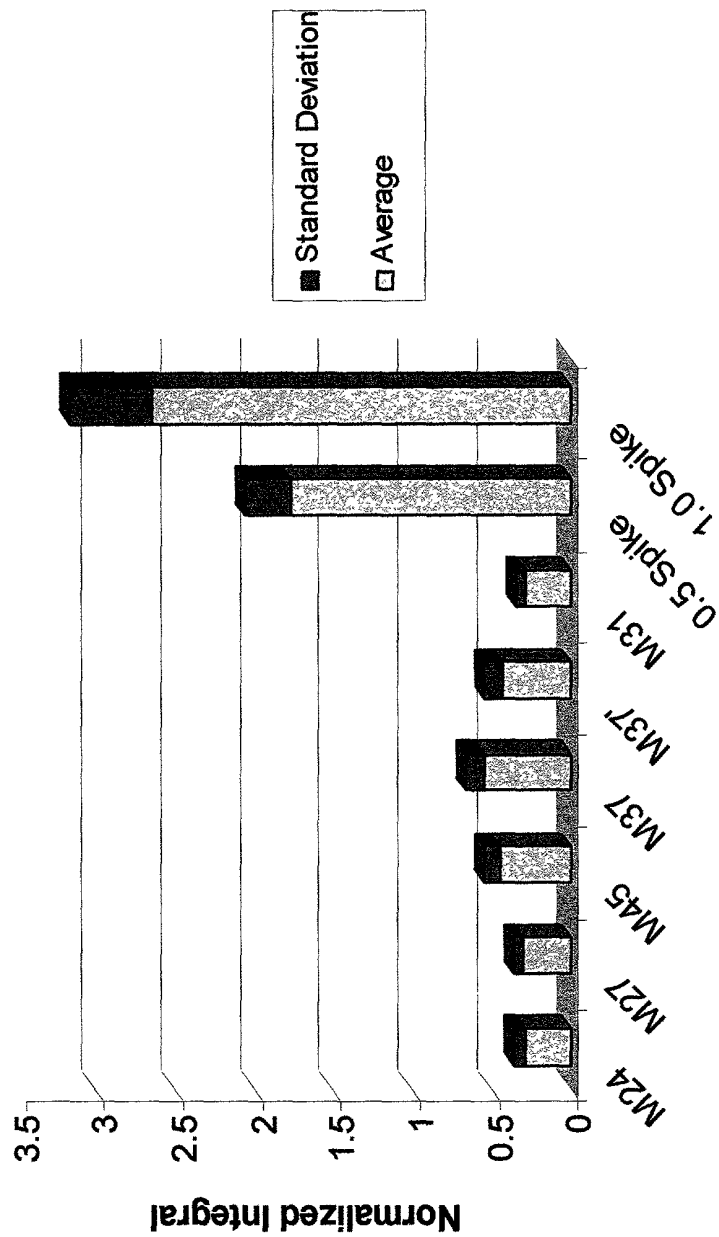
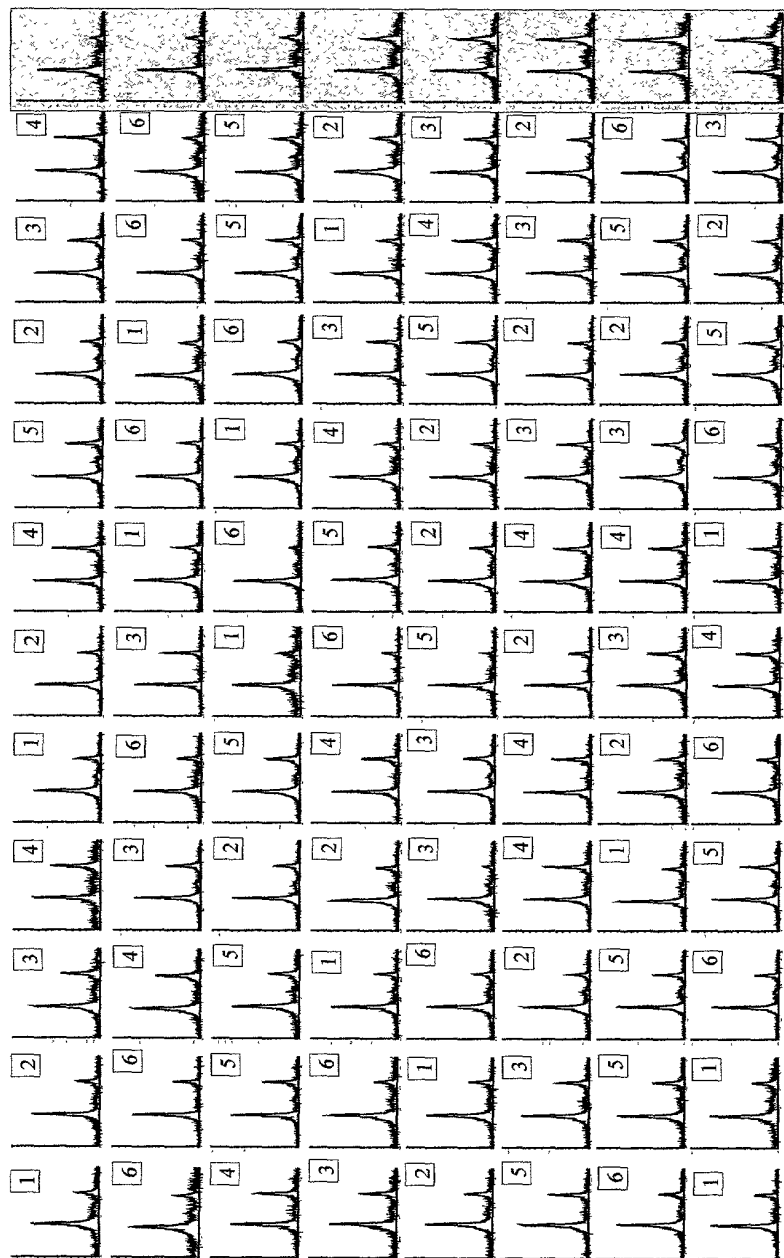


Figure 9



*Figure 10*

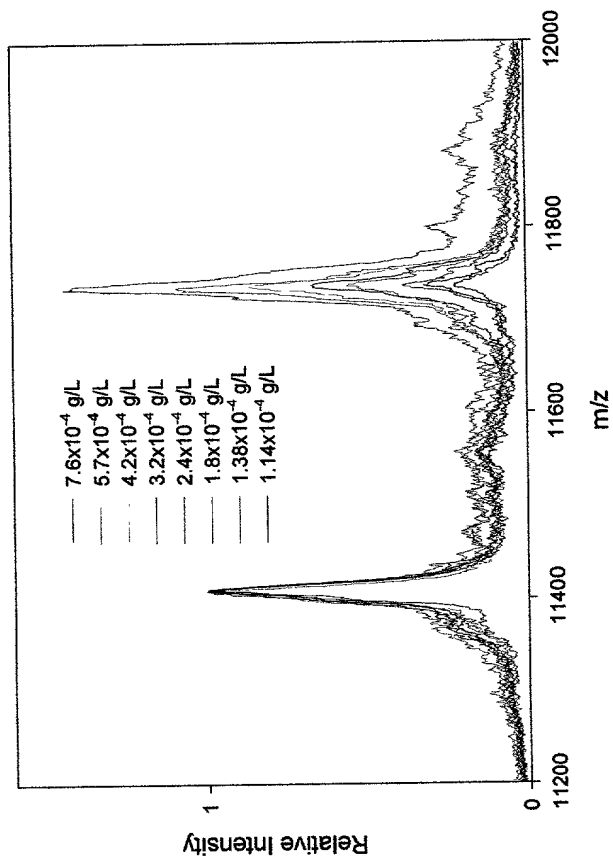


Figure 11a

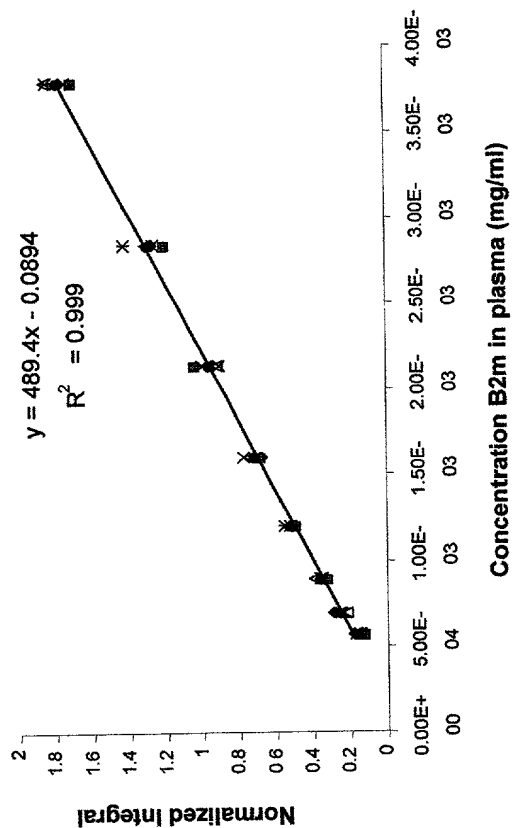
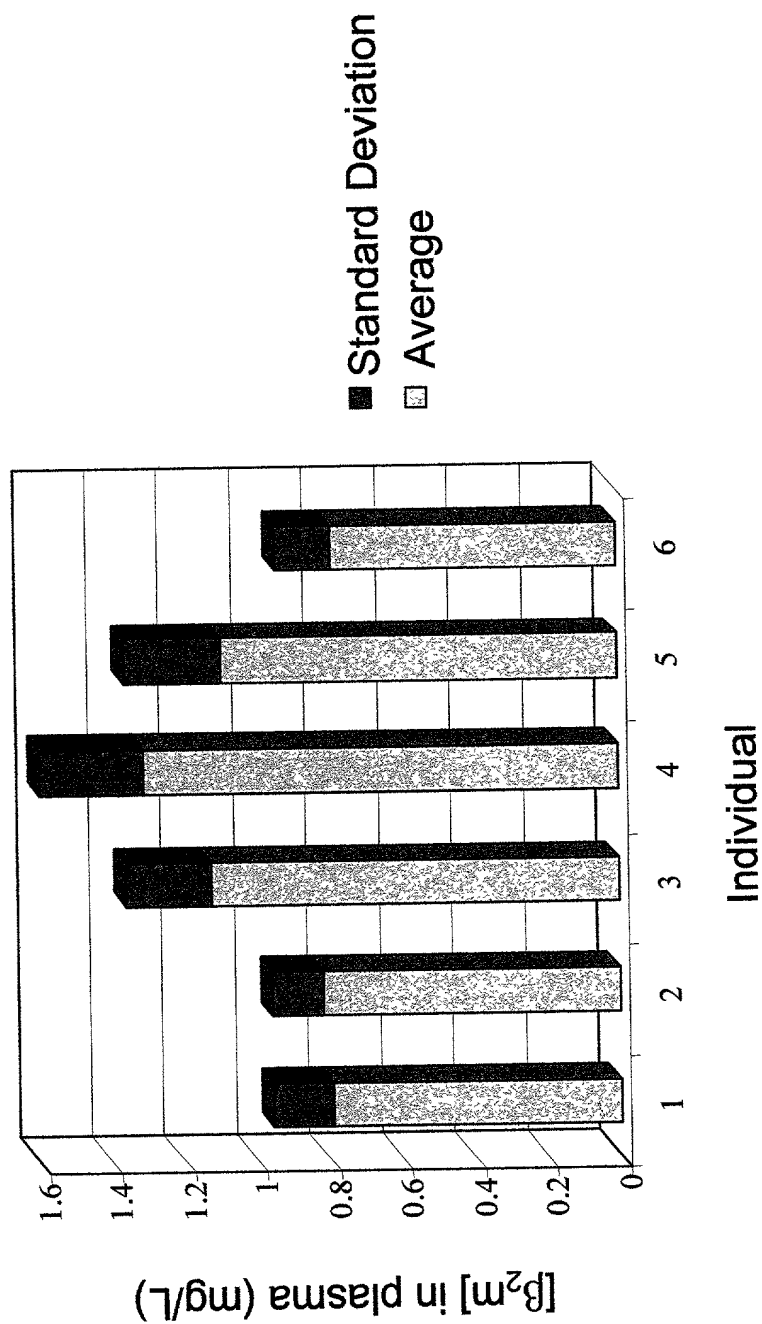
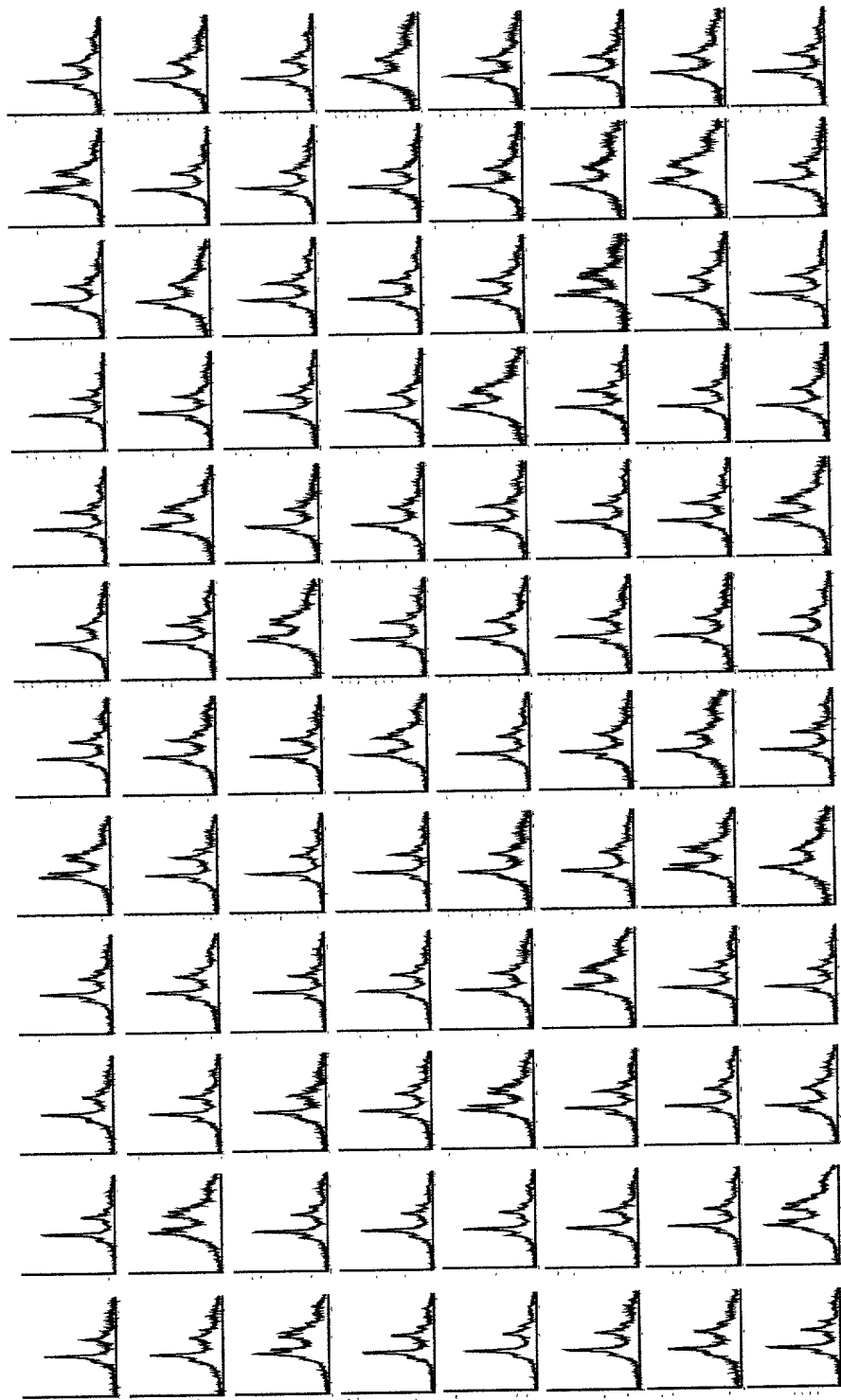


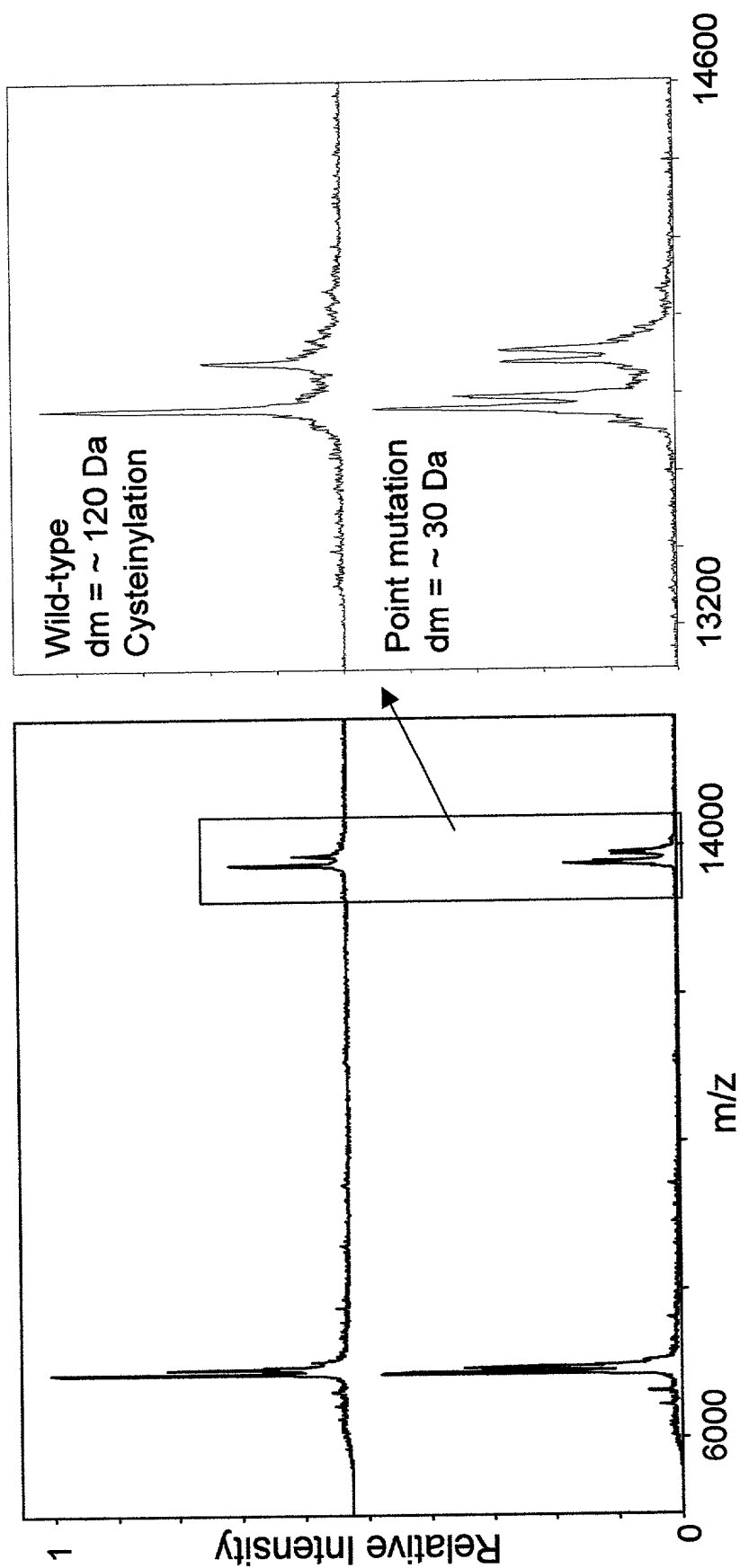
Figure 11b



**Figure 12**



*Figure 13*



*Figure 14*

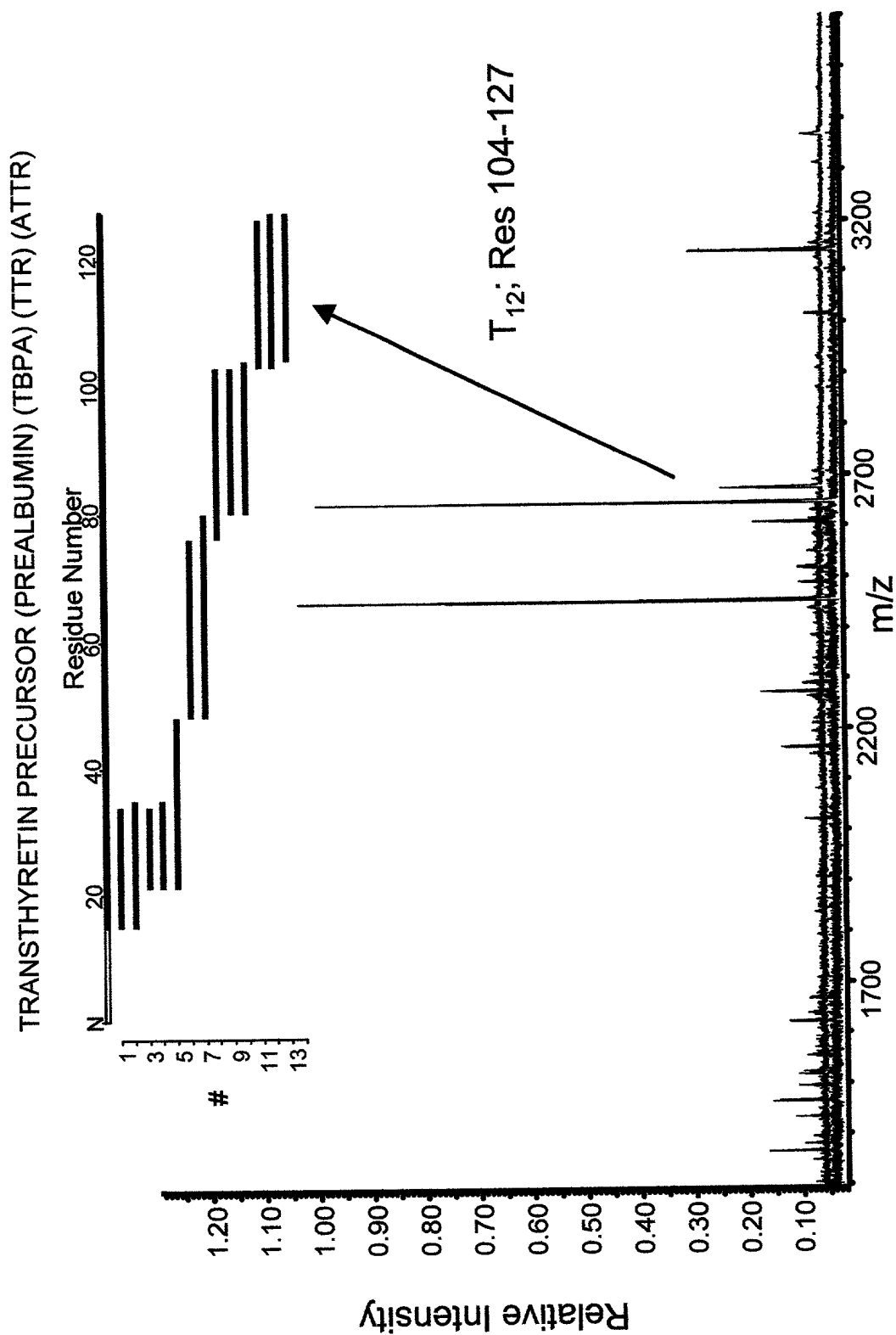


Figure 15

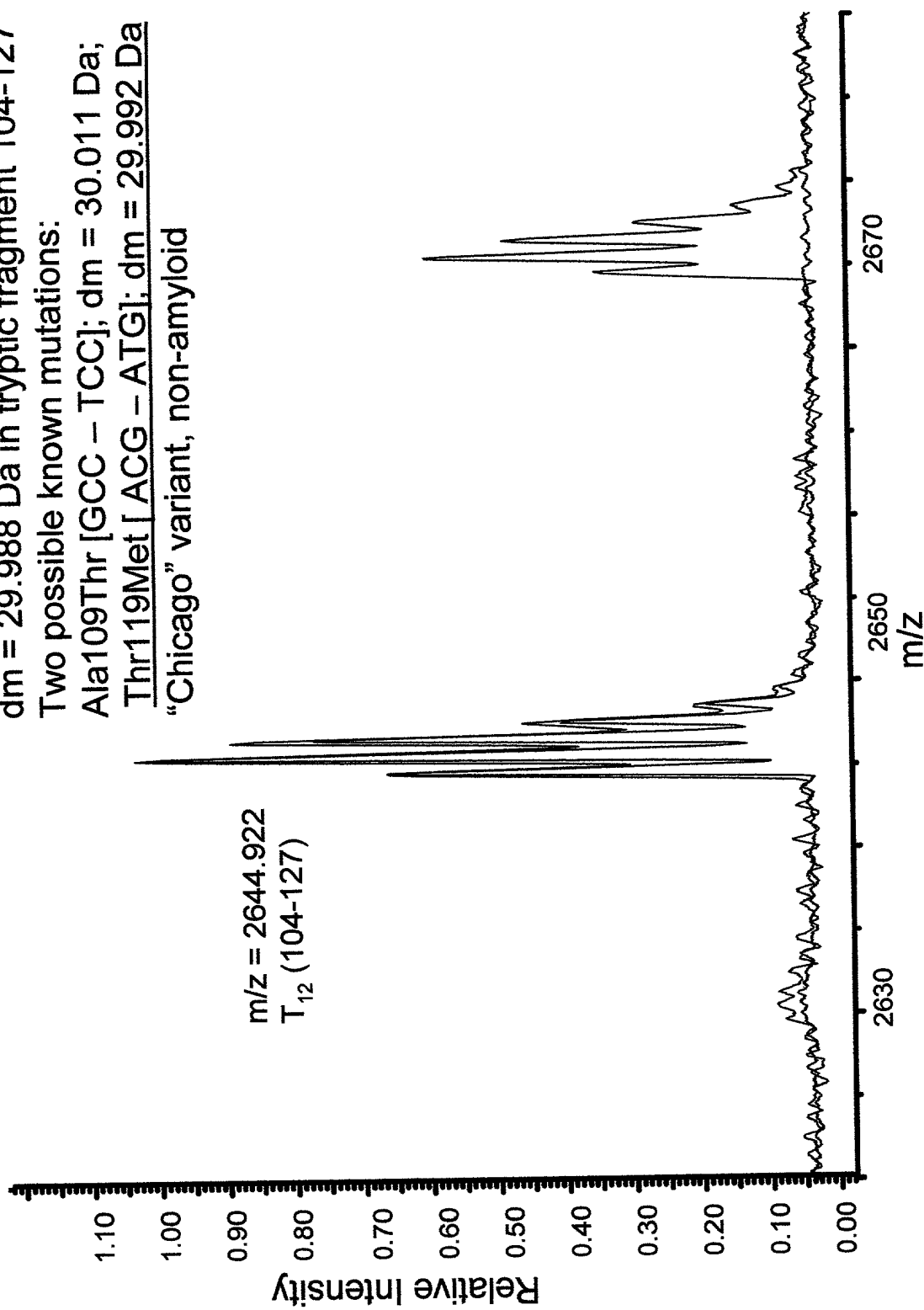
$dm = 29.988$  Da in tryptic fragment 104-127

Two possible known mutations:

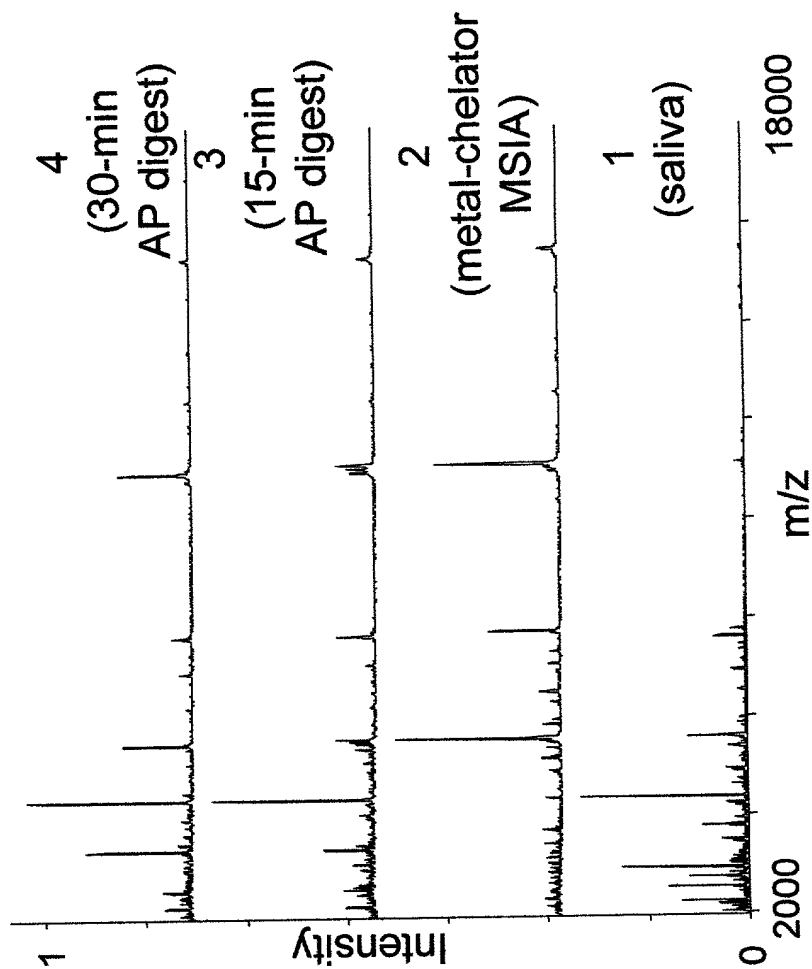
Ala109Thr [GCC – TCC];  $dm = 30.011$  Da;

Thr119Met [ACG – ATG];  $dm = 29.992$  Da

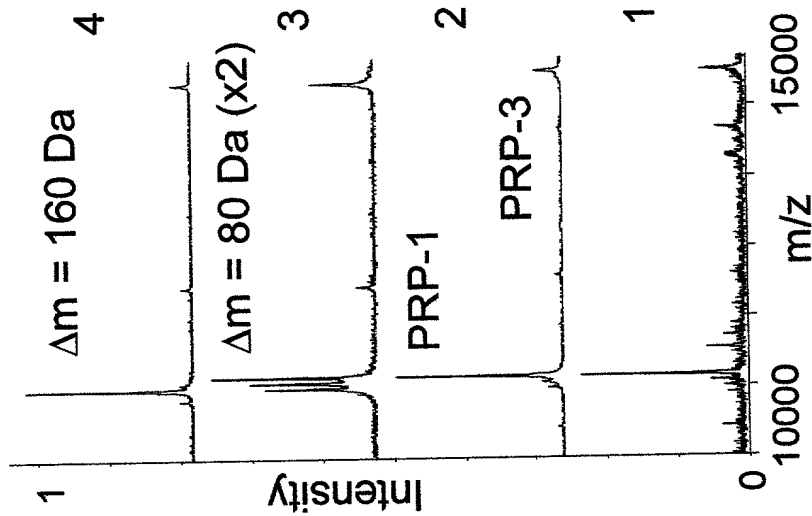
“Chicago” variant, non-amyloid



**Figure 16**



**Figure 17A**



**Figure 17B**

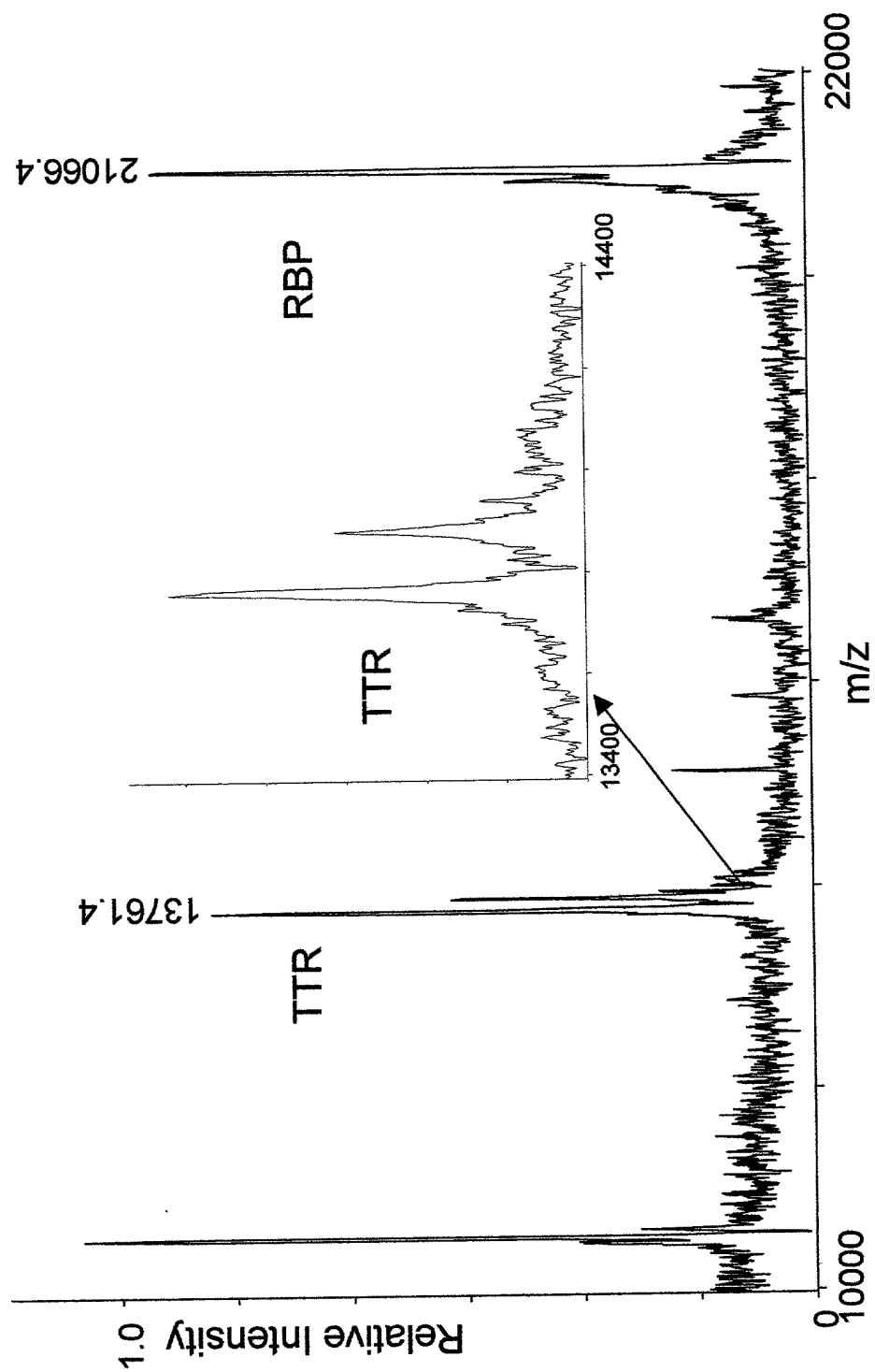


Figure 18

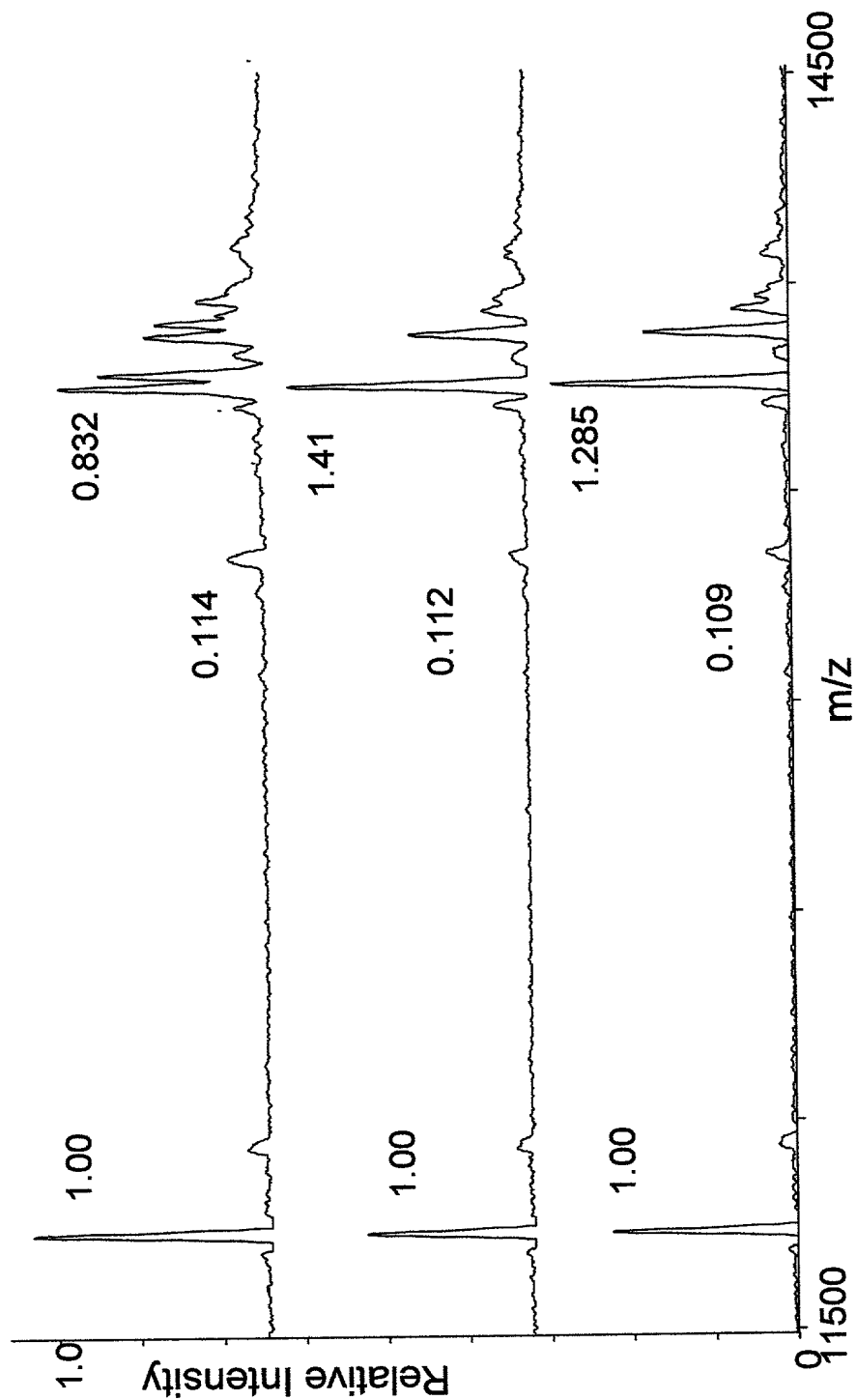
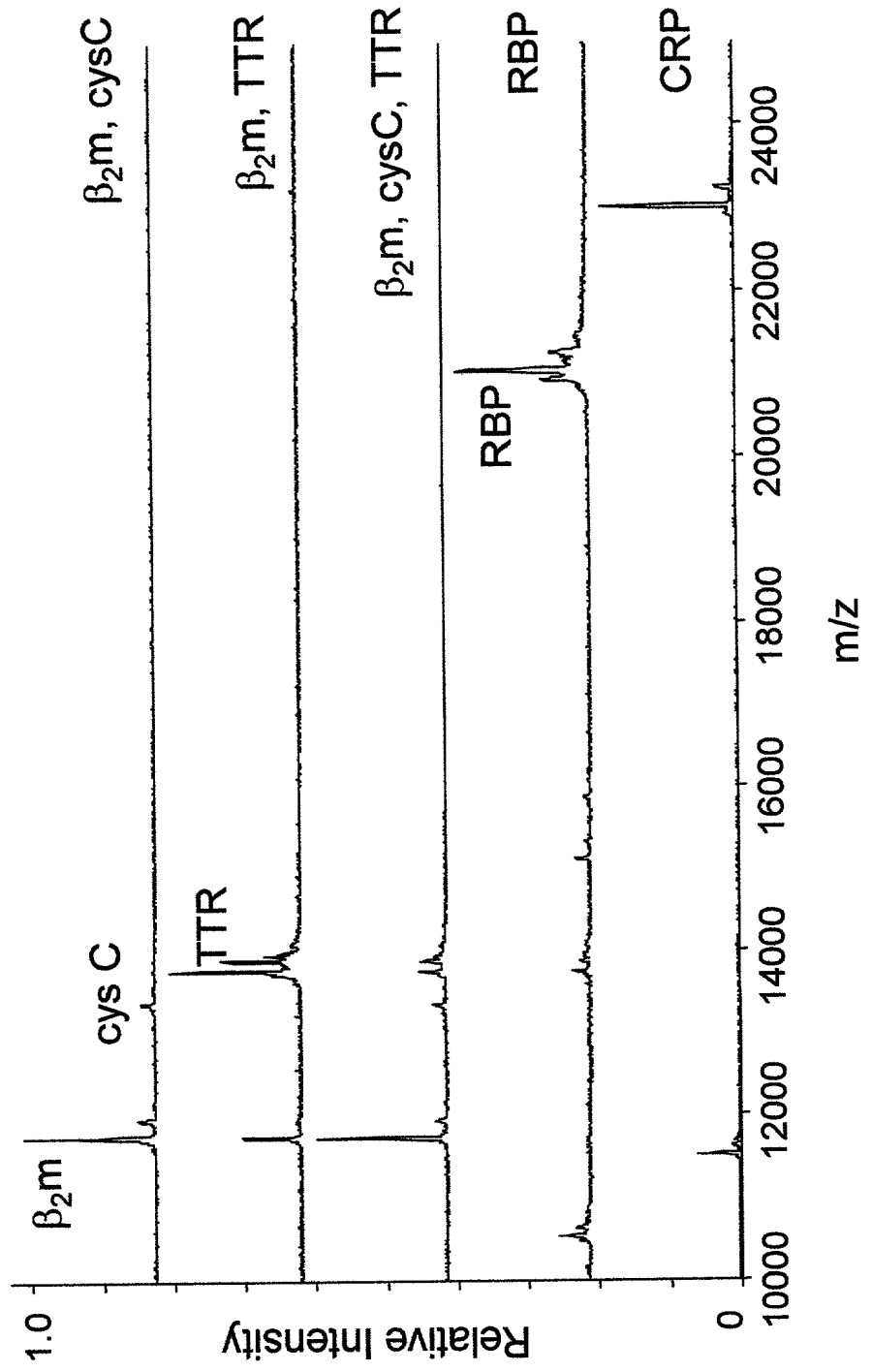
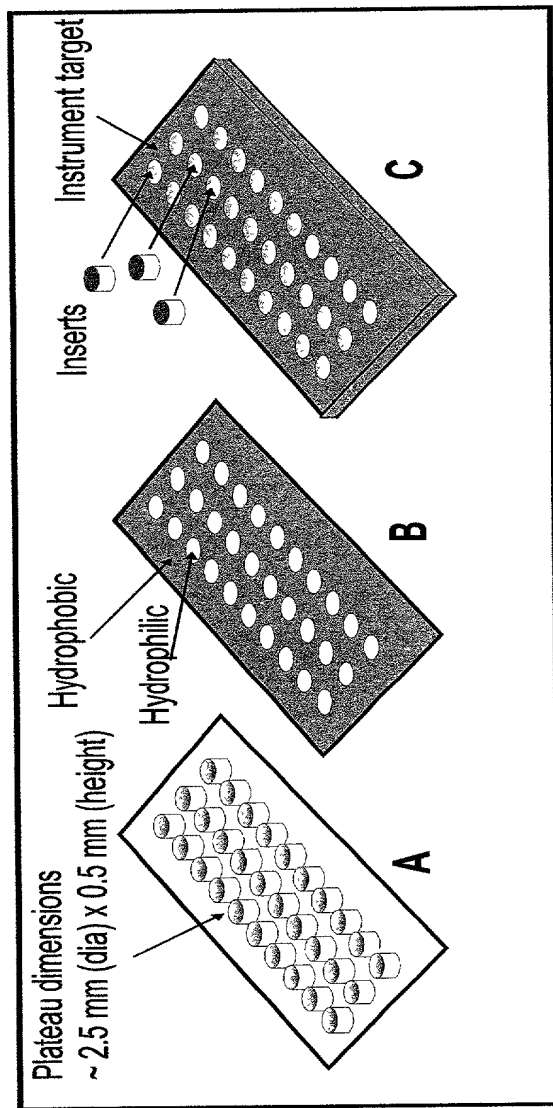


Figure 19



**Figure 20**



**Figure 21**